

Form PTO-1390  
(REV 10-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

1619.0090000/SRL/PAJ

U.S. APPLICATION NO. (IF KNOWN, SEE 37 C.F.R. § 1.5)

To Be Assigned **10/089177**

INTERNATIONAL APPLICATION NO

PCT/CA00/01150

INTERNATIONAL FILING DATE

28 September 2000

PRIORITY DATE CLAIMED

28 September 1999

## TITLE OF INVENTION

Highly Conserved Genes and Their Use to Generate Species-Specific, Genus-Specific, Family-Specific, Group-Specific and Universal Nucleic Acid Probes and Amplification Primers to Rapidly Detect and Identify Algal, Archaeal, Bacterial, Fungal and Parasitological Microorganisms from Clinical Specimens for Diagnosis

## APPLICANT(S) FOR DO/EO/US

Michel G. BERGERON, Maurice BOISSINOT, Ann HULETSKY, Christian MÉNARD, Marc OUELLETTE, François J. PICARD, Paul H. ROY

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)).
4. ☒ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☒ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 372(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11. to 16. below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: Certificate Under 37 C.F.R. § 3.73(b) with a copy of the executed Assignment; Power of Attorney from Assignee; and Authorization to Treat a Reply as Incorporating an Extension of Time Under 37 C.F.R. § 1.136(a)(3)

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.50) To Be Assigned <b>10/089177</b>	INTERNATIONAL APPLICATION NO. PCT/CA00/01150	ATTORNEY'S DOCKET NUMBER 1619.0090000/SRL/PAJ
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17. <input checked="" type="checkbox"/> The following fees are submitted:				CALCULATIONS      PTO USE ONLY	
<b>Basic National Fee (37 CFR 1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1040.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$890.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$740.00</b>  International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$690.00</b>  International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... <b>\$ 100.00</b>					
<b>ENTER APPROPRIATE BASIC FEE AMOUNT</b>				=	\$ 1,040.00
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
Claims	Number Filed	Number Extra	Rate		
Total Claims	48 - 20 =	28	X <b>\$18.00</b>	\$ 504.00	
Independent Claims	10 - 3 =	7	X <b>\$84.00</b>	\$ 588.00	
Multiple dependent claim(s) (if applicable)			+ <b>\$280.00</b>	\$ 280.00	
<b>TOTAL OF ABOVE CALCULATIONS</b>				=	\$ 2,412.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$1,206.00
<b>SUBTOTAL</b>				=	\$ 1,206.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE</b>				=	\$ 1,206.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				+	\$ 40.00
<b>TOTAL FEES ENCLOSED</b>				=	\$ 1,246.00
				<b>Amount to be refunded:</b>	\$
				<b>charged:</b>	\$

- a. ☒ A check in the amount of **\$1,246.00** to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **19-0036**. A duplicate copy of this sheet is enclosed.
- NOTE: Where an appropriate time limit Under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

**CUSTOMER NUMBER 26111**  
**STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.**  
 1100 New York Avenue, NW, Suite 600  
 Washington, D.C. 20005-3934

SIGNATURE

**Peter A. Jackman**

NAME

**45,986**

REGISTRATION NUMBER